

Alberto Masoni, 8-03-2004

COUNTRY	MEMBER	Part.	DEPUTY	Part.
Austria	Dietmar Kuhn	Yes		
Canada	Randy Sobie		Mike Vetterli	
Czech Republic	Milos Lokajicek	Yes		
Denmark	John Renner Hansen		Anders Waananen	
Finland	Klaus Lindberg		Jukka Klem	
France	Denis Linglin	Yes	Fabio Hernandez	
Germany	Klaus-Peter Mickel	Yes	Holger Marten	
Hungary	Andras Benczur		Gyorgy Vesztergombi	yes
India	D.D.Bhawalkar		P.S Dhekne	
Italy	Federico Ruggieri	Yes	Luciano Gaido	
Japan	Hiroshi Sakamoto	Yes	Tatsuo Kawamoto	
Netherlands	Kors Bos		Arjen Van Rijn	
Poland	Michal Turala		Jan Krolikowski	
Portugal	Gaspar Barriera		J. Gomes	
Russia	Slava Ilyin		V.Korenkov	
Spain	Manuel Delfino		A. Pacheco	yes
Sweden	Anders Ynnerman		Niclas Andersson	
Switzerland	Christoph Grab		Allan Clark, Marie-Christine Sawley	
Taipei	Simon Lin	Yes	Di Qing	
United Kingdom	John Gordon	Yes	Steve Lloyd	
United States	Vicky White Replaced by Michael Ernst		Bruce Gibbard	
CERN	Tony Cass	Yes		
ALICE	Yves Schutz		Alberto Masoni	yes
	Federico Carminati			
ATLAS	Gilbert Poulard	Yes	Laura Perini	

	Dario Barberis			
CMS	Tony Wildish			
	David Stickland	Yes		
LHCb	U. Marconi		Andrei saregordtsev	
	Nick Brook			
Project Leader	Les Robertson	Yes		
GDB Chair	Mirco Mazzucato	Yes		
GDB Secretary	Alberto Masoni	Yes		
Grid Deployment Mgr	Ian Bird	Yes		
Fabric Manager	Bernd Panzer	Yes		
Appl. Manager	Torre Wenaus			
Chief Tech. Officer	David Foster			
SC2 Chair	Matthias Kasemann	Yes		
Work Group Tech. Support	David Kelsey, Tony Cass	Yes Yes		

Meeting Agenda

See the agenda at:

<http://agenda.cern.ch/fullAgenda.php?ida=a04112>

Minutes of previous meeting and communications

The minutes of the previous meeting were approved. The effectiveness of circulating a short summary of decisions just afterwards the meeting has been confirmed. This procedure will be retained.

Next meetings:

- 2004 meetings:
 - March 22-26 LCG week
 - May 18 Barcelona
 - June 15 CERN
 - July 13 CERN
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 - September 8 CERN
 - October 20 Amsterdam
 - November 17 CERN
 - December 15 CERN

Report from Security Group: Update of User Registration/VO management (D. Kelsey)

(See slides on the web)

There are 21 CA now approved in LCG. New CA should now go to CNRS to ask to join.

Policy document: need formal approval from PEB but some changes need to be introduced. There are three new documents prepared by Trevor Daniels.

Action on Dave Kelsey: finalize and circulate security policy doc

Outgoing IP connectivity issue. Survey sent out by Ian Nielson to site security contacts to understand practical or political constraints to have a discussion in one of the GDA Monday meetings.

Action on GDB members: send response to Ian Neilson questionnaire concerning IP connectivity on WN through security contacts.

The LCG/GDB role in ARDA was discussed.

According to Les ARDA, in addition to M/W and the 4 prototypes of analysis, has also some prototyping activities done in some centres contributing on a voluntary base. LCG security requirements should go to EGEE middleware.

First question: How can GDB and LCG express practical requirements to the EGEE middleware?

Second question: What is the policy body for EGEE and how does it interact with GDB? According to Les, the two teams should be essentially the same.

GDB encourages EGEE M/W to profit of the LCG security group achievements

A discussion took place on the relationship with EGEE and how to arrange common policy body like GDB. There was some consensus that this body should be the GDB, eventually enlarged.

GDB decision: to have 3-4 people to discuss with the EGEE management on this issue (L. Robertson, I. Bird, M. Mazzucato, D. Kelsey)

User registration: now registration is done at VO level. Other experiments like Babar and D0 are introduced. Reg DB is separated from Auth VO_DB
Registration Authorities are handled by VO and an official list of RAs per Institute/country will be compiled by VO managers and documented

Action on GDB members and experiments: To provide feedback on the security document 2.1.

Action on Dave Kelsey: Within one month, propose a joint team CERN, FNAL, Sites within the security Group to define the technology and plan, to implement LCG security policies

Feedback from POB (L. Robertson)

(See slides)

POB recommends Tier1 should have the same middleware

Resources provided for LHC computing must be coordinated by LCG . There is a clear and strong request to have this implemented.

A task force for the Computing Moue has been established.

One MoU for computing resources (and may be for common software support)

Core software support will be put later in an addendum

Report on principles is foreseen for the April C-RRB

Draft MoU should be ready for the October C-RRB

The POB gave also some indications about the GDB Chair:

- It should be a 2-year mandate

- A Search Committee for the candidates should be established

- (with four national members + project leader)

At the next GDB (May 18th) the Search Committee will be constituted

The Committee will report on June or eventually July

New chair takes over in September

Action on GDB members to suggest names for the Search committee to Les

Status of LCG-2 deployment (I. Bird) **(see slides on the web)**

LCG-2 core sites are ready: CERN, FZK, PIC, FNAL, CNAF, Nikhef, Taipei, and RAL

The available resources are much lower with respect to commitments.

Action on GDB members: to make available the committed resources on LCG-2
PIC: plan to migrate the 100 committed machines
The same should apply to FZK (that is actually serving ALICE DC directly to AliEn)

Experiments ask for a reserved queue for each experiment

Action on Ian Bird: organize discussion to make practical recommendation on how to organize CE, queues and info providers in LCG including implementing/adapting the GLUE schema

Action on GDB members and experiments: guarantee presence to Core Site phone conference and to GDA Monday meetings
All problems through LCG Savannah report

It is expected to migrate SE to SRM-based at the end of March

R-GMA RAL will work to certify usage of R-GMA for accounting, Job monitoring, Network monitoring

There is plan to port M/W to RHEL, Fedora and IA64

Action on Ian Bird and GDB members: define working team to port LCG M/W to new operating systems: M/W to RHEL, Fedora and IA64

LCG SLAs and site audit (T. Daniels)

Three documents are available on the web:

- Document on Site Self Audit checklist
- Document on Service Level Agreement
- Resource Administrator Guide

The Document on Site Self Audit checklist contains Grid Service List, Service level parameter. Each site will publish its SLA for each service on the GOC Website

Action on GDB members: read the three documents and provide feedback via mail.
Approval can occur via mail.

LCG Accounting (J. Gordon)

(See slides)

A Progress report has been given (see slides on the web).

Main issues

- Group ID should be different for each VO: Atlas...CMS....
- Job-id assigned by the Resource Broker is not available on batch or gatekeeper log
- At present subclusters are not reported in the GLUE schema
- David Stickland underlined the users would like to have an estimate of how long a job could take to finish

Action on GDA: to clarify how VO users are reported in logs

- It is required that GridICE produces logs files containing used vs. available resources

Update on Resources Allocation from sites to experiments (B.Panzer)

26 sites answered to Bernd request and provided information on committed resources. Several sites are still missing. According to the information, as it is now, available resources are at the limit in May-June and this without accounting normal background activities. At the same time, it must be considered that there are resources, directly available to experiments at several Tier-2s that are not accounted.

Action on GDB members: sites not having yet done should provide numbers, as accurate as possible and complete information to Bernd concerning also quarter three and four. This information will be needed in the near future, on POB request. After a discussion, it is decided that the resources data, albeit incomplete, should be published on the web.

Action for Bernd Panzer: GDB recommends publishing on the WEB the resources declared available by the Country Representatives.

Feedback from Alice Data Challenge (A. Masoni)

(See slides)

The ALICE DC has started at the end of February. It has had trouble in reaching stability but this was an expected toll for being the first. A good cooperation with the LCG team has been reported. Production of CPU intensive jobs started on Friday March 5th.

ALICE strongly requests centres for putting the committed resources.

Some problems could be avoided if the committed resources would have been available at the due time. The DC has started 2 months later waiting for the LCG-2 deployment but there is the possibility to partially recuperate this time if ALICE will be allowed to proceed now with full production.

Feedback from CMS Data Challenge (D. Stickland)

(See slides)

CMS DC is mainly Data Transfer plus some analysis at T1

After DC CMS aim to use all available T1/2 resources to complete the 70 M events reconstruction.

Discussion on the interaction between the experiments and the GDA in the present phase: how to refine the process from experiments requirements to their implementation (Intr. by Ian Bird)

In the discussion it has been underlined the difficulty in getting clear requirements. Experience has shown it is very difficult to coordinate experiments and site requirements.

At present, the following coordination activities are active:

- GDA meetings: experiments participation is good sites participation should be improved

- Core sites meetings: participation should be improved

GDB recommend establishing weekly coordination meetings between GDA key people and experiments on the model of the weekly meeting for the ALICE DC.

It is advisable to have such coordination meeting at Tier-1 centres also

GDB recommends centres and Ian to verify in each site names of people that can take the responsibility of coordinating the LCG activities in the site

GDB remind each country that Tier1 should take the responsibility of establishing effective working relations with the other Tier2s providing at the same time effective diffusion of LCG recommendations and effective feedback to GDB from Tier2

Progress of partnership between ASCC and FZK (Kupsch, R., Yen, R.)

(See slides)

HP plans for LCG (20') Benard, M.

GDB is in favour to include HP resources in LCG

Action on Mirco Mazzucato and Ian Bird to workout HP participation to LCG

A.O.B.

Summary of GDB decisions

Next meetings calendar:

March 22-26 LCG week

- May 18 Barcelona (please register ASAP)
- June 15 CERN
- July 13 CERN
-
- September 8 CERN
- October 20 Amsterdam
- November 17 CERN
- December 15 CERN

1. Security

Actions on Dave Kelsey:

- finalize and circulate user registration document 2.1
- Within one month propose a joint team CERN, FNAL, Sites within the security Group to define the technology and plan to implement LCG security policies

Actions on GDB members and exp. representatives:

- provide feedback on user registration document 2.1

Actions on GDB members:

send response to Ian Neilson questionnaire concerning IP connectivity on WN through security contacts

- LCG need to discuss with EGEE how to arrange common policy body like GDB, Some consensus that this body should be GDB eventually enlarged

GDB decision: to have 3-4 people to discuss with the EGEE management on this issue (L. Robertson, I. Bird, M. Mazzucato, D. Kelsey)

2. Report from POB

GDB chair election has to be organized.

Actions on GDB members:

to suggest names for the GDB Chair Search committee to Les.

Search committee will be approved in May GDB meeting.

3. LCG Deployment

Actions on GDB members:

to put the committed resources in LCG-2

Action on Ian Bird:

organize discussion to make practical recommendation on how to organize CE, queues and info providers in LCG including implementing/adapting the GLUE schema

Action on GDB members and experiments:

guarantee presence to Core Site phone conference and to GDA Monday meetings

Action on Ian and GDB members:

define working team to port LCG M/W to new operating systems: M/W to RHEL, Fedora and IA64

Action on GDA: to clarify how VO users are reported in logs

4. Resources

Action for Bernd Panzer:

GDB recommends to publish via WEB available resources

Request for information concerning also quarter three and 4 that will be issued in a near future

5. GDA-Experiments-Regional Centres relationships

GDB recommend to establish weekly coordination meetings between GDA key people and experiments for DC

GDB recommends centres and Ian to verify in each site names of people that can take the responsibility of coordinating the LCG activities in the site

GDB reminds each country that Tier1 should take the responsibility of establishing effective working relations with the other Tier2s providing at the same time effective diffusion of LCG recommendations and effective feedback to GDB from Tier2

6. GDB-HP relationship

GDB is in favour to include HP resources in LCG

Action on Mirco Mazzucato and Ian Bird to workout HP participation to LCG for 2004. An accounting of the used resources has also been requested.

Action list

Actions from previous meetings

<i>Action</i>	<i>Responsible</i>
LCG Security ensure that Audit Requirements are implemented (deadline end of July)	National GDB members Action open To be verified
LCG Security Ensure that the list of people (nationally) to be contacted in case of security incidents is correct and provided to the LCG Security group Deadline end of July	National GDB members Action open To be verified
LCG Security to replace for next year current VO manager Andrea Sciaba	CMS representative Action open
Grid Deployment to constitute a group that will look for installation tools to be used on top of existing systems and to analyse costs and benefits of the different possible solutions. Announcement will be put on the web.	Ian Bird Action open
Grid Deployment to appoint someone to take part of the installation tools group	National GDB members Action open
Grid Deployment to constitute a group and find the manpower for a solution to access MSS (usable for the experiments Data Challenges in 2004)	Ian Bird Action open
LCG Security prepare proposal for long-term User Registration/VO Management and Authorization following the results of the SEC Workshop and the GDB 13-01-04 recommendations	Dave Kelsey done
GUS and Call Centre - organize a meeting in the next weeks with the participation of the Experiment Representatives, the GOC and the CERN team and to report at the February GDB	Klaus-Peter Mickel done
Interoperability - present a set of recommendations for the March GDB meeting	Vicky White Postponed to May GDB meeting
LCG Resources - ensure that experiments requests funding/allocation go through the appropriate process in each country	Experiment representatives Action open
LCG Resources - report the experiment allocations to the GDB (Bernd Panzer) who maintains the master database	National GDB members Action open
Grid Deployment to organize a meeting between the	John Gordon,

deployment group and the RGMA developers and to prepare a plan for RGMA implementation in LCG2. The plan should be presented at the March GDB meeting	Markus Schulz Action open
Grid Operation Centre (GOC) – to ensure that the accounting system will be operational at the beginning of February, in order to use it for the Experiments’ s Data Challenges. The sites are responsible for sending the logging schema information to the central database.	John Gordon National GDB members Action open
GUS and Call Centre – ensure that the relevant people from the experiment evaluate the support system and provide feedback. A meeting is foreseen for the March GDB	Experiment representatives done
Grid Deployment provide requirements for the development of general mirror procedure for the experiments software starting from a single worker node installation	Site representatives, Flavia Donno Action open

New actions

Action	Responsible
LCG Security to finalize and circulate Security Policy Document	Dave Kelsey
LCG Security to send response to Ian Neilson questionnaire concerning IP connectivity on WN through security contacts	GDB members
LCG Security to provide feedback on the security document 2.1	GDB members
LCG Security to propose a joint team CERN, FNAL, Sites within the security Group to define the technology and plan, to implement LCG security policies (within 1 month)	Dave Kelsey
Requests from POB to have a Search committee for the GDB chair election, names to be sent to Les before the May GDB meeting	GDB National members
Grid Deployment to make available the committed resources on LCG-2	GDB National members
Grid Deployment to organize discussion to make practical recommendation on how to organize CE, queues and info providers in LCG	Ian Bird
Grid Deployment to define working team to port LCG M/W to new operating systems: M/W to RHEL, Fedora and IA64	GDB members
Grid Operation Centre (GOC) read the 3 SLA documents prepared by T. Daniels (see on the web) and provide feedback via mail.	Experiment representatives

LCG Resources – to publish on the GDB web page the available information on resources committed by centres	Bernd Panzer
LCG-HP relationship – to keep contacts with HP and prepare the terms of agreement for HP participation to LCG	Ian Bird, Mirco Mazzucato